

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/583,839  
Source: IFWP  
Date Processed by STIC: 07/06/2006

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IFWP

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DATE: 07/06/2006

PATENT APPLICATION: US/10/583,839

TIME: 13:49:29

Input Set : A:\73.US4.PCT.ST25.txt

Output Set: N:\CRF4\07062006\J583839.raw

3 <110> APPLICANT: Arena Pharmaceuticals, Inc.  
 4 Boatman, P. Douglas  
 5 Adams, John W  
 6 Moody, Jeanne V  
 7 Babych, Eric D  
 8 Schrader, Thomas O  
 10 <120> TITLE OF INVENTION: NOVEL SPIROINDOLINE OR SPIROISOQUINOLINE COMPOUNDS, METHODS  
 OF  
 11 USE AND COMPOSITIONS THEREOF  
 13 <130> FILE REFERENCE: 73.US4.PCT  
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/583,839  
 C--> 15 <141> CURRENT FILING DATE: 2006-06-22  
 15 <150> PRIOR APPLICATION NUMBER: 60/532,546  
 16 <151> PRIOR FILING DATE: 2003-12-23  
 18 <150> PRIOR APPLICATION NUMBER: 60/539,554  
 19 <151> PRIOR FILING DATE: 2004-01-26  
 21 <150> PRIOR APPLICATION NUMBER: 60/565,251  
 22 <151> PRIOR FILING DATE: 2004-04-23  
 24 <160> NUMBER OF SEQ ID NOS: 2  
 26 <170> SOFTWARE: PatentIn version 3.2  
 28 <210> SEQ ID NO: 1  
 29 <211> LENGTH: 978  
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 38 agcatctccc cagtggggtt tgttgagaat gggattctcc tctggttcct gtgcttccgg 180  
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 66 gttgagactg tcgtctaa  
 69 <210> SEQ ID NO: 2  
 70 <211> LENGTH: 325

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72 <213> ORGANISM: Homo sapien
74 <400> SEQUENCE: 2
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84 Pro Ile Val His Trp Val Ile Met Ser Ile Ser Pro Val Gly Phe Val
85 35 40 45
88 Glu Asn Gly Ile Leu Leu Trp Phe Leu Cys Phe Arg Met Arg Arg Asn
89 50 55 60
92 Pro Phe Thr Val Tyr Ile Thr His Leu Ser Ile Ala Asp Ile Ser Leu
93 65 70 75 80
96 Leu Phe Cys Ile Phe Ile Leu Ser Ile Asp Tyr Ala Leu Asp Tyr Glu
97 85 90 95
100 Leu Ser Ser Gly His Tyr Tyr Thr Ile Val Thr Leu Ser Val Thr Phe
101 100 105 110
104 Leu Phe Gly Tyr Asn Thr Gly Leu Tyr Leu Leu Thr Ala Ile Ser Val
105 115 120 125
108 Glu Arg Cys Leu Ser Val Leu Tyr Pro Ile Trp Tyr Arg Cys His Arg
109 130 135 140
112 Pro Lys Tyr Gln Ser Ala Leu Val Cys Ala Leu Leu Trp Ala Leu Ser
113 145 150 155 160
116 Cys Leu Val Thr Thr Met Glu Tyr Val Met Cys Ile Asp Arg Glu Glu
117 165 170 175
120 Glu Ser His Ser Arg Asn Asp Cys Arg Ala Val Ile Ile Phe Ile Ala
121 180 185 190
124 Ile Leu Ser Phe Leu Val Phe Thr Pro Leu Met Leu Val Ser Ser Thr
125 195 200 205
128 Ile Leu Val Val Lys Ile Arg Lys Asn Thr Trp Ala Ser His Ser Ser
129 210 215 220
132 Lys Leu Tyr Ile Val Ile Met Val Thr Ile Ile Ile Phe Leu Ile Phe
133 225 230 235 240
136 Ala Met Pro Met Arg Leu Leu Tyr Leu Leu Tyr Tyr Glu Tyr Trp Ser
137 245 250 255
140 Thr Phe Gly Asn Leu His His Ile Ser Leu Leu Phe Ser Thr Ile Asn
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144 Ser Ser Ala Asn Pro Phe Ile Tyr Phe Phe Val Gly Ser Ser Lys Lys
145 275 280 285
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152 Asp Glu Met Gln Pro Arg Arg Gln Lys Asp Asn Cys Asn Thr Val Thr
153 305 310 315 320
156 Val Glu Thr Val Val
157 325

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**VERIFICATION SUMMARY**

**PATENT APPLICATION: US/10/583,839**

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L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date